

Application No. 10/583,487
Reply to Office Action Dated October 27, 2009
Amendment Dated December 28, 2009

Amendments to the Specification:

Please amend the abstract as follows:

~~The invention relates to a Δ method of fabricating a light duct (14) of thermoplastic material, the duct comprising a light relay (26) constituted by having a rectangular section bar for conveying light along its longitudinal axis (A-A') referred to as a "first" axis, and provided at one of its ends both with a wall (28) that is inclined relative to said first axis, and with a lens (32), the axis of revolution (B-B') of the lens being contained in a longitudinal plane of symmetry, said duct (14) presenting a given maximum height H_{max} beyond the thickness of the lens and a given mean length L_{moy} along its longitudinal axis (A-A'). According to the invention, it is made includes making the light duct as a single piece by injection molding said a thermoplastic material in a mold (1) presenting a cavity of shape identical to that of the duct, the injection taking place through a feed orifice disposed on one side of said cavity over a face that is substantially parallel to the plane defined by said axes (A-A', B-B'), said ~~the~~ feed orifice presenting a height h lying in the range $0.2 H_{max}$ and H_{max} , and a length l lying in the range $0.2 L_{moy}$ and $0.8 L_{moy}$, the thermoplastic material being injected at a rate lying in the range $400 \text{ mm}^3/\text{s}$ to $1500 \text{ mm}^3/\text{s}$.~~